



Dart Aerospace Ltd.
1270 Aberdeen St
Hawkesbury, ON
K6A 1K7
Canada

Tel (613) 632-5200
Fax 613 632-5246

D3490-1

Job Sheet 195286



Part No: D3490-1

Job Qty: 100 pcs

Part Name: Cross Bolt Spacer



Part Weight: 0 lbs

Status: New

Priority: Medium

Job Created: 5/16/19

Job Tracking No:

Due Date: 11/15/19

Created By: Kimberley Guerin

Type: Stock

Description:

Note: DWG REV A IPP Rev:A New Issue 06-03-03 JLM

Ship Via:

Bill of Materials

Job Routing

Op No	Operation	Qty	Start Date	Due Date	Standard		Workcenter/Supplier		Sign-off
					Setup Hrs	Run Hrs	Workcenter / Supplier	Lead Time	
130	Purchasing	100 pcs		11/15/19	0.00	0.00	Purchasing - 1		
							Purchasing - 2		
							Purchasing - 3		
140	Packaging 2-1 - Receive - B4B	100 pcs		11/15/19	0.00	0.00	Packaging 2 - 1 - B4B		
							Packaging 2 - 2 - B4B		
							Packaging 2 - 3 - B4B		
							Packaging 2 - 5 - B4B		
							Packaging 2 - 4 - B4B		
							Packaging 2 - 6 - B4B		
							Packaging 2 - 7 - B4B		
							Packaging 2 - 8 - B4B		
							Packaging 2 - 9 - B4B		
							Packaging 2 - 10 - B4B		
							Packaging 2 - 11 - B4B		
							Packaging 2 - 12 - B4B		
							Packaging 2 - 13 - B4B		
							Packaging 2 - 14 - B4B		
							Packaging 2 - 15 - B4B		
							Packaging 2 - 16 - B4B		
							Packaging 2 - 17 - B4B		
							Packaging 2 - 18 - B4B		
							Packaging 2 - 19 - B4B		
							Packaging 2 - 20 -		



Dart Aerospace Ltd.
1270 Aberdeen Street
Hawkesbury, ON K6A 1K7
CANADA
TEL.: 1 613 632-5200
Email: sales@dartaero.com
www.dartaerospace.com

Container No: S230103



Part: D3490-1

Job No: 195286

Serial No/Batch: S230103

Revision:

Inspector:

Exp Date:

Instructions: Various STC's

Date: 11/08/19

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5/16/2019

[Dart Hawkesbury] Job Sheet - Guerin, Kimberley

					B4B	
					Packaging 2 - 21 - B4B	
					Packaging 2 - 22 - B4B	
					Packaging 2 - 23 - B4B	
					Packaging 2 - 24 - B4B	
					Packaging 2 - 25 - B4B	
					Packaging 2 - 26 - B4B	
					Packaging 2 - 27 - B4B	
					Packaging 2 - 28 - B4B	
					Packaging 2 - 29 - B4B	
					Packaging 2 - 30 - B4B	
					Packaging 2 - 31 - B4B	
					Packaging 2 - 32 - B4B	
					Packaging 2 - 33 - B4B	
					Packaging 2 - 34 - B4B	
					Packaging 2 - 35 - B4B	
					Packaging 2 - 36 - B4B	
145 QC 6	100 pcs	11/15/19	0.00 0.00		QC 6 - 9	
					QC 6 - 68	
					QC 6 - 61	DAS
					QC 6 - 40	81
150 Packaging 3-1 - Stock - B4B	100 pcs	11/15/19	0.00 0.00		Packaging 3 - 1 - B4B	9-89
					Packaging 3 - 2 - B4B	
					Packaging 3 - 3 - B4B	
					Packaging 3 - 4 - B4B	
					Packaging 3 - 5 - B4B	
					Packaging 3 - 6 - B4B	
					Packaging 3 - 7 - B4B	
					Packaging 3 - 8 - B4B	
					Packaging 3 - 9 - B4B	
					Packaging 3 - 10 - B4B	
					Packaging 3 - 11 - B4B	
					Packaging 3 - 12 - B4B	
					Packaging 3 - 13 - B4B	
					Packaging 3 - 14 - B4B	
					Packaging 3 - 15 - B4B	
					Packaging 3 - 16 - B4B	
					Packaging 3 - 17 - B4B	
					Packaging 3 - 18 - B4B	

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[Dart Hawkesbury] Job Sheet - Guerin, Kimberley

				Packaging 3 - 19 - B4B	
				Packaging 3 - 20 - B4B	
				Packaging 3 - 21 - B4B	
				Packaging 3 - 22 - B4B	
				Packaging 3 - 23 - B4B	
				Packaging 3 - 24 - B4B	
				Packaging 3 - 25 - B4B	
				Packaging 3 - 26 - B4B	TF
				Packaging 3 - 27 - B4B	
				Packaging 3 - 28 - B4B	
				Packaging 3 - 29 - B4B	
				Packaging 3 - 30 - B4B	
				Packaging 3 - 31 - B4B	
				Packaging 3 - 32 - B4B	
				Packaging 3 - 33 - B4B	
				Packaging 3 - 34 - B4B	
				Packaging 3 - 35 - B4B	
				Packaging 3 - 36 - B4B	
160 QC 21 - SA	100 pcs	11/15/19	0.00 0.00	QC 21 - SA - 21	
				QC 21 - SA - 70	DAS 21
				QC 21 - SA - 53	NOV 20 2019
Part Op 130 - ISSUE P/O: _____ SUPPLIER: E.T.M. INDUSTRIES INC. MANUFACTURE AS PER DWG Descriptions: C OF C IS REQUIRED 150 - Identify as per dwg & Stock Location: <u>LG084</u> 160 - QC21- Final Inspection - Work Order Release)					
Job BOM					
Part / Item	Component Name	Quantity	Operation	Container	
D3490-1P	Crossbolt Spacer	100 Ea (1 ea)	130-Purchasing	5230099	
Job Allocations					
Operation	Component Part	Required	Inventory	Allocated	
130-Purchasing	D3490-1P	100	0	0	

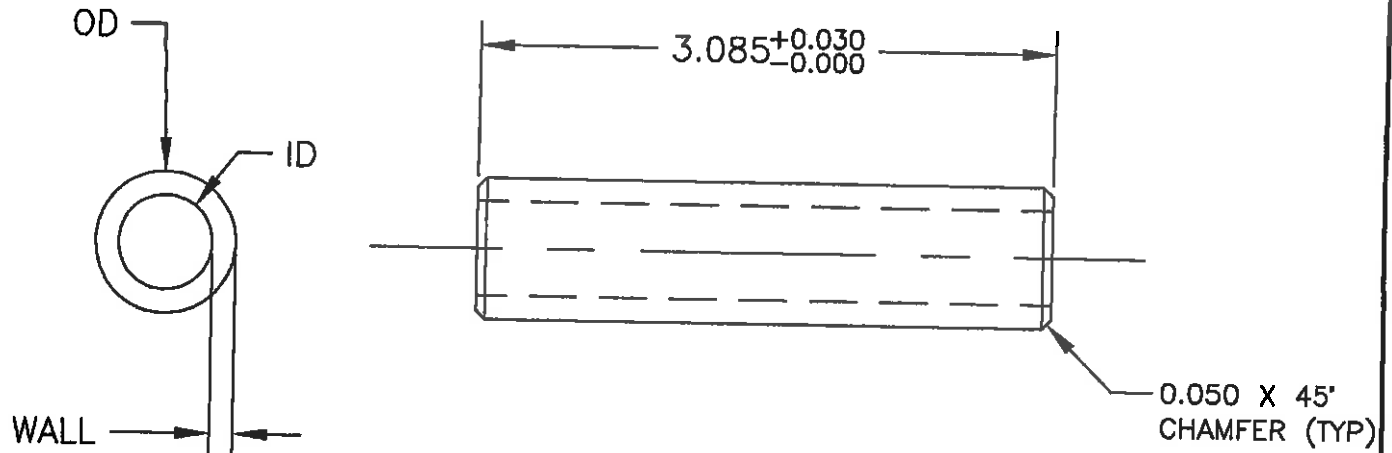
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Part Specifications					
Spec No	Description	Target/Tolerance	Limits	Type	Special Comments
1	Crossbolt Spacer	0.500inches + 0.006 - 0.001	0.506 0.499		
2	Crossbolt Spacer	0.049inches ± 0.010	0.059 0.039		
3	Crossbolt Spacer	0.402inches + 0.006 - 0.001	0.408 0.401		
4	Crossbolt Spacer	3.085inches + 0.030 - 0.000	3.115 3.085		
5	Crossbolt Spacer	0.050inches ± 0.010	0.060 0.040		
6	Crossbolt Spacer	45Degrees ± 0	45 45		

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DART

DESIGN <i>PH</i>	DRAWN BY <i>PH</i>	DART AEROSPACE USA, INC. PORT HADLOCK, WA	
CHECKED <i>[Signature]</i>	APPROVED <i>[Signature]</i>	DRAWING NO. D3490	REV. A SHEET 1 OF 1
DATE 06.01.04		TITLE CROSS BOLT SPACER	SCALE NTS
A	06.01.04	NEW ISSUE	

**D3490-1/-3/-5 CROSS BOLT SPACER PARTS LIST**

PART NUMBER	OD	WALL	ID (REF)	MATERIAL SPEC
D3490-1	0.500	0.049	0.402	M6061T6T0.500W.049
D3490-3	0.750	0.080	0.591	M6061T6R0.750
D3490-5	0.313	0.058	0.197	M6061T6T0.313W.058

D3490-1/-3/-5 CROSS BOLT SPACER

- 1) MATERIAL: ALUMINUM 6061-T6 (QQ-A-200/8 OR QQ-A-225/8)
- 2) ALL DIMENSIONS ARE IN INCHES
- 3) TOLERANCES ARE PER DART QSI 018 UNLESS OTHERWISE NOTED

RELEASED
do-02-07

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Dart Aerospace Ltd.
1270 Aberdeen St
Hawkesbury, ON
K6A 1K7
Canada

Tel (613) 632-5200

PURCHASE ORDER

POHB043487



Supplier: ETM001-VC
E.T.M. Industries Inc.
310 Hall Avenue, Box 610
Renfrew
ON
K7V 4E7 Canada
Phone: 613-432-6136
Fax: 613-432-8212

PO No: POHB043487
PO Date: 5/17/19
Due Date: 5/15/20
Purchase Order Revision:
Revision Date:
Ship-To Contact: Guerin, Kimberley
Phone: 613-632-5200 Ext: 298
kguerin@dartaero.com

Ship To: 1270 Aberdeen Street
Hawkesbury
ON
K6A 1K7 Canada
Phone: 613-632-5200

Via: Ground
Pymt Terms: Net 30
Freight Terms:
Special Comments:

Items													
Line Item	Job	Part	Supplier Part No	Item No	Description	Status	Account	Due Date	Order Quantity	Received Quantity	Balance	Unit Price (CAD)	Extended Price
1	195270	D2579P			Crossbolt Spacer : as per Dwg D2579 RevE	Received		9/6/19	50 Ea	50 Ea	0 Ea	\$2.90/Ea	\$0.00
2	195283	D2579P			Crossbolt Spacer : as per Dwg D2579 RevE	Firmed		11/15/19	50 Ea	0 Ea	50 Ea	\$2.90/Ea	\$145.00
3	195294	D2579P			Crossbolt Spacer : as per Dwg D2579 RevE	Firmed		2/14/20	50 Ea	0 Ea	50 Ea	\$2.90/Ea	\$145.00
4	195305	D2579P			Crossbolt Spacer : as per Dwg D2579 RevE	Firmed		5/15/20	50 Ea	0 Ea	50 Ea	\$2.90/Ea	\$145.00
5	195271	D3681-1P			Spacer : as per Dwg D3681-1 RevA	Received		9/6/19	250 Ea	250 Ea	0 Ea	\$3.75/Ea	\$0.00
6	195284	D3681-1P			Spacer : as per Dwg D3681-1 RevA	Firmed		11/15/19	250 Ea	0 Ea	250 Ea	\$3.75/Ea	\$937.50

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Items													
Line Item	Job	Part	Supplier Part No	Item No	Description	Status	Account	Due Date	Order Quantity	Received Quantity	Balance	Unit Price (CAD)	Extended Price
7	195295	D3681-1P			Spacer : as per Dwg D3681-1 RevA	Firmed	-	2/14/20	250 Ea	0 Ea	250 Ea	\$3.75/Ea	\$937.50
8	195306	D3681-1P			Spacer : as per Dwg D3681-1 RevA	Firmed	-	5/15/20	250 Ea	0 Ea	250 Ea	\$3.75/Ea	\$937.50
9	195272	D3903-1P			Spacer : as per Dwg D3903-1 RevB	Received	-	9/6/19	200 Ea	200 Ea	0 Ea	\$3.75/Ea	\$0.00
10	195285	D3903-1P			Spacer : as per Dwg D3903-1 RevB	Firmed	-	11/15/19	200 Ea	0 Ea	200 Ea	\$3.75/Ea	\$750.00
11	195296	D3903-1P			Spacer : as per Dwg D3903-1 RevB	Firmed	-	2/14/20	200 Ea	0 Ea	200 Ea	\$3.75/Ea	\$750.00
12	195307	D3903-1P			Spacer : as per Dwg D3903-1 RevB	Firmed	-	5/15/20	200 Ea	0 Ea	200 Ea	\$3.75/Ea	\$750.00
13	195273	D3490-1P			Crossbolt Spacer : as per Dwg D3490-1 RevA	Received	-	9/6/19	101 Ea	101 Ea	0 Ea	\$3.90/Ea	\$0.00
Line Item Note Material WW-T-700/6 can be use													
14	195286	D3490-1P			Crossbolt Spacer : as per Dwg D3490-1 RevA	Firmed	-	11/15/19	100 Ea	0 Ea	100 Ea	\$3.90/Ea	\$390.00
Line Item Note Material WW-T-700/6 can be use													

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Items

Line Item	Job	Part	Supplier Part No	Item No	Description	Status	Account	Due Date	Order Quantity	Received Quantity	Balance	Unit Price (CAD)	Extended Price
15	195297	D3490-1P			Crossbolt Spacer : as per Dwg D3490-1 RevA	Firmed	-	2/14/20	100 Ea	0 Ea	100 Ea	\$3.90/Ea	\$390.00
Line Item Note Material WW-T-700/6 can be use													
16	195308	D3490-1P			Crossbolt Spacer : as per Dwg D3490-1 RevA	Firmed	-	5/15/20	100 Ea	0 Ea	100 Ea	\$3.90/Ea	\$390.00
Line Item Note Material WW-T-700/6 can be use													
17	195275	D2743P			Crossbolt Spacer : as per Dwg D2743 RevB	Received	-	9/6/19	250 Ea	250 Ea	0 Ea	\$2.95/Ea	\$0.00
18	195287	D2743P			Crossbolt Spacer : as per Dwg D2743 RevB	Firmed	-	11/15/19	250 Ea	0 Ea	250 Ea	\$2.95/Ea	\$737.50
19	195298	D2743P			Crossbolt Spacer : as per Dwg D2743 RevB	Firmed	-	2/14/20	250 Ea	0 Ea	250 Ea	\$2.95/Ea	\$737.50
20	195309	D2743P			Crossbolt Spacer : as per Dwg D2743 RevB	Firmed	-	5/15/20	250 Ea	0 Ea	250 Ea	\$2.95/Ea	\$737.50
21	195276	D2649P			Crossbolt Spacer : as per Dwg D2649 RevB1	Received	-	9/6/19	75 Ea	75 Ea	0 Ea	\$2.25/Ea	\$0.00
22	195288	D2649P			Crossbolt Spacer : as per Dwg D2649 RevB1	Firmed	-	11/15/19	75 Ea	0 Ea	75 Ea	\$2.25/Ea	\$168.75

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Items													
Line Item	Job	Part	Supplier Part No	Item No	Description	Status	Account	Due Date	Order Quantity	Received Quantity	Balance	Unit Price (CAD)	Extended Price
23	195299	D2649P			Crossbolt Spacer : as per Dwg D2649 RevB1	Firmed	-	2/14/20	75 Ea	0 Ea	75 Ea	\$2.25/Ea	\$168.75
24	195310	D2649P			Crossbolt Spacer : as per Dwg D2649 RevB1	Firmed	-	5/15/20	75 Ea	0 Ea	75 Ea	\$2.25/Ea	\$168.75
25	195277	D3275-1P			Crossbolt Spacer : as per Dwg D3275-1 RevA1	Received	-	9/6/19	62 Ea	62 Ea	0 Ea	\$2.25/Ea	\$0.00
Line Item Note Material WW-T-700/6 can be use													
26	195289	D3275-1P			Crossbolt Spacer : as per Dwg D3275-1 RevA1	Firmed	-	11/15/19	62 Ea	0 Ea	62 Ea	\$2.25/Ea	\$139.50
Line Item Note Material WW-T-700/6 can be use													
27	195300	D3275-1P			Crossbolt Spacer : as per Dwg D3275-1 RevA1	Firmed	-	2/14/20	62 Ea	0 Ea	62 Ea	\$2.25/Ea	\$139.50
Line Item Note Material WW-T-700/6 can be use													
28	195311	D3275-1P			Crossbolt Spacer : as per Dwg D3275-1 RevA1	Firmed	-	5/15/20	62 Ea	0 Ea	62 Ea	\$2.25/Ea	\$139.50
Line Item Note Material WW-T-700/6 can be use													
29	195278	D5518-1P			Crossbolt Spacer : as per Dwg D5518-1 RevA	Firmed	-	9/6/19	50 Ea	0 Ea	50 Ea	\$2.20/Ea	\$110.00

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Items

Line Item	Job	Part	Supplier Part No	Item No	Description	Status	Account	Due Date	Order Quantity	Received Quantity	Balance	Unit Price (CAD)	Extended Price
30	195290	D5518-1P			Crossbolt Spacer : as per Dwg D5518-1 RevA	Firmed	-	11/15/19	50 Ea	0 Ea	50 Ea	\$2.20/Ea	\$110.00
						X50			NOV 08 2019				DP
31	195301	D5518-1P			Crossbolt Spacer : as per Dwg D5518-1 RevA	Firmed	-	2/14/20	50 Ea	0 Ea	50 Ea	\$2.20/Ea	\$110.00
32	195312	D5518-1P			Crossbolt Spacer : as per Dwg D5518-1 RevA	Firmed	-	5/15/20	50 Ea	0 Ea	50 Ea	\$2.20/Ea	\$110.00
33	195279	D4202-1P			Spacer : as per Dwg D4202-1 RevD	Firmed	-	9/6/19	750 Ea	0 Ea	750 Ea	\$3.10/Ea	\$2,325.00
						X750			OCT 08 2019				DP
34	195291	D4202-1P			Spacer : as per Dwg D4202-1 RevD	Firmed	-	11/15/19	750 Ea	0 Ea	750 Ea	\$3.10/Ea	\$2,325.00
						X749x			NOV 07 2019				DP
35	195302	D4202-1P			Spacer : as per Dwg D4202-1 RevD	Firmed	-	2/14/20	750 Ea	0 Ea	750 Ea	\$3.10/Ea	\$2,325.00
36	195313	D4202-1P			Spacer : as per Dwg D4202-1 RevD	Firmed	-	5/15/20	750 Ea	0 Ea	750 Ea	\$3.10/Ea	\$2,325.00
37	195280	D4720-1P			Spacer : as per Dwg D4720-1 RevB	Received	-	9/6/19	249 Ea	249 Ea	0 Ea	\$3.00/Ea	\$0.00

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Line Item	Job	Part	Supplier Part No	Item No	Description	Status	Account	Due Date	Order Quantity	Received Quantity	Balance	Unit Price (CAD)	Extended Price
38	195292	D4720-1P			Spacer : as per Dwg D4720-1 RevB	Firmed	-	11/15/19	250 Ea	0 Ea	250 Ea	\$3.00/Ea	\$750.00
39	195303	D4720-1P			Spacer : as per Dwg D4720-1 RevB	Firmed	-	2/14/20	250 Ea	0 Ea	250 Ea	\$3.00/Ea	\$750.00
40	195314	D4720-1P			Spacer : as per Dwg D4720-1 RevB	Firmed	-	5/15/20	250 Ea	0 Ea	250 Ea	\$3.00/Ea	\$750.00
41	195281	D4686-1P			Spacer : as per Dwg D4686-1 RevB	Received	-	9/6/19	75 Ea	75 Ea	0 Ea	\$3.75/Ea	\$0.00
42	195293	D4686-1P			Spacer : as per Dwg D4686-1 RevB	Firmed	-	11/15/19	75 Ea	0 Ea	75 Ea	\$3.75/Ea	\$281.25
43	195304	D4686-1P			Spacer : as per Dwg D4686-1 RevB	Firmed	-	2/14/20	75 Ea	0 Ea	75 Ea	\$3.75/Ea	\$281.25
44	195315	D4686-1P			Spacer : as per Dwg D4686-1 RevB	Firmed	-	5/15/20	75 Ea	0 Ea	75 Ea	\$3.75/Ea	\$281.25
Grand Total:												\$22,638.50	



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PURCHASE ORDER

POHB043487



Order Notes

Procurement Quality Clauses

A005 RIGHT OF ENTRY

A008 FIRST ARTICLE INSPECTION (FAI) BY SELLER, (DOCUMENTATION SENT TO DART AEROSPACE)

A012 CHEMICAL AND PHYSICAL TEST REPORTS

A016 PERSONNEL QUALIFICATION

A017 RAW MATERIAL IDENTIFICATION (AS APPLICABLE)

A026 CERTIFICATION OF MATERIAL CONFORMANCE

A041 QUALITY MANAGEMENT SYSTEM

A042 DART NOTIFICATION BY SUPPLIER

A043 RETENTION OF QUALITY DOCUMENT

A048 COUNTERFEIT PARTS AVOIDANCE, DETECTION, MITIGATION AND DISPOSITION PROGRAM

A049 SUPPLIER AWARENESS

Terms & Condition of Purchasing (Suppliers) and Procurement Quality Clauses are an integral part of our AS9100 requirements. To learn in detail, please visit www.dartaerospace.com for further explanation.

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Pack List

Number: 144764

Date: 04-Nov-19

To

DART AEROSPACE
1270 ABERDEEN STREET
dbates@dartaero.com
HAWKESBURY, ON K6A 1K7
Canada

Ship To

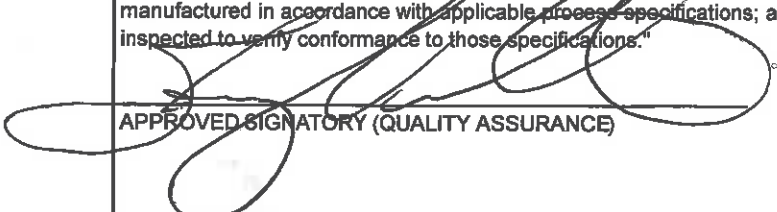
Patrick Lussier
DART AEROSPACE
1270 ABERDEEN STREET
dbates@dartaero.com
HAWKESBURY, ON K6A 1K7
Canada

Ph: 613-632-5200

Fax: 613-632-5246

Ph: 613-632-5200

Fax: 613-632-5246

Terms		Ship Via	
Net 30 days			
Quantity	Description		
100 each	Part: D3490-1P CROSSBOLT SPACER SO: 25664 **LOT #107186	Rev: A	Line: 14
PO: POHB043487			
DAS 81 9-89 RECEIVED NOV 06 2019 DART AEROSPACE LTD. CERTIFICATE OF COMPLIANCE: "I hereby certify that the material described above is in conformance with applicable physical and dimensional specifications; that it was manufactured in accordance with applicable process specifications; and has been inspected to verify conformance to those specifications."  APPROVED SIGNATORY (QUALITY ASSURANCE)			